| Index | of | CI | aiı | ns |
|-------|----|----|-------|----|
| | | | 18181 | |

Applicant(s)/Patent under Reexamination

ORBITS ET AL.

10/808,987 Examiner

Art Unit

Neveen Abel-Jalil

2165

Rejected **Allowed**

(Through numeral) Cancelled

Non-Elected N

Appeal Α

Restricted

Interference

0 Objected

| | | | | | | | , | | | | | | | | | | _ |
|----------|----------|--|----------|----------|----------------|--|----------|--|--------------|----------------|-------|------------------|----------|----------------|----------|---------------|---------|
| Cla | nim | _ | | | | Date | | | | | Claim | | | | | | _ |
| Lie | 21111 | | | | | Jau | _ | Г | | | | - 010 | .1111 | | | $\overline{}$ | Г |
| Final | Original | 3/7/06 | | | | | | | | | | Final | Original | | | | |
| | 1 | + | | | | | | | | | | | 51 | | | | |
| | 2 | + | | | | | | | | | | | 52 | | | | |
| | 3 | + | | | | | | | | | | | 53 | | | | |
| | 4 | + | | | | | | | | | | | 54 | | | | L |
| | 5 | + | | | | | | | | | | | 55 | | | | |
| | 6 | + | | | | | | | | | | | 56 | | | | L |
| | 7 | + | | L | | | _ | L | 乚 | | | | 57 | | | | L |
| | 8 | + | | L_ | <u> </u> | $oxed{oxed}$ | | | | | | | 58 | | | _ | L |
| <u></u> | 9 | + | _ | L | | <u> </u> | L_ | <u> </u> | | <u> </u> | | | 59 | | | _ | L |
| | 10 | + | <u> </u> | _ | _ | <u> </u> | _ | | | - | | | 60 | | | - | ┞ |
| | 11 | + | | <u> </u> | _ | <u> </u> | <u> </u> | | | _ | | | 61 | | - | - | ╄ |
| | 12 | + | _ | | <u> </u> | | 1 | - | ╀ | <u> </u> | | - | 62 63 | | | <u> </u> | ┢ |
| | 13 | + | _ | <u> </u> | | | | \vdash | ┼ | - | | | 64 | | | | ┝ |
| - | 14 | + | <u> </u> | - | | | ⊢ | ⊢ | | | | | 65 | \vdash | | ┢ | ┢ |
| <u> </u> | 15 | + | ₩ | | - | | - | ├ | - | - | | | 66 | ┝ | | ⊢ | ┝ |
| - | 16 17 | + | - | - | - | | - | ┢ | - | ⊢ | | | 67 | | | ├ | H |
| <u> </u> | | + | \vdash | - | \vdash | - | ├ | ⊢ | +- | \vdash | | | 68 | \vdash | | ╁─╴ | H |
| | 18 | + | - | | - | | ┢ | ├ | ╁ | ┢ | 1 | | 69 | \vdash | - | ┢ | H |
| - | 20 | + | ┢ | | ╁╾ | \vdash | ┢ | | ┼ | \vdash | 1 | | 70 | 1 | ┢ | \vdash | t |
| <u> </u> | 21 | ا | \vdash | - | \vdash | - | \vdash | <u> </u> | t^- | | 1 | | 71 | | | H | t |
| | 22 | \vdash | ╁╌ | ✝ | 一 | | H | | T | \vdash | 1 | | 72 | \vdash | | T | T |
| | 23 | <u> </u> | <u> </u> | 一 | T | \vdash | ┪ | İ | † | | 1 | | 73 | | Γ | \vdash | T |
| _ | 24 | | t | ┢ | | | T | | ╅ | | 1 | | 74 | | | T | Τ |
| | 25 | <u> </u> | T | Г | 1 | | | | Τ- | | 1 | | 75 | | | | L |
| | 26 | T | | | | Т | | T | | | 1 | | 76 | | | | Γ |
| | 27 | T | | Π | | | | | | |] . | | 77_ | | | L | L |
| | 28 | | | | | Ī | | | | | | | 78 | | | L | L |
| | 29 | | | | | | | | | | | | 79 | | | | L |
| | 30 | | | | | | | | <u> </u> | |] | | 80 | | | ļ | L |
| | 31 | 1 | | <u> </u> | <u> </u> | | | _ | ┺ | <u> </u> | | | 81 | _ | ļ | _ | ╀ |
| <u></u> | 32 | | _ | <u> </u> | | <u> </u> | L_ | L | | <u> </u> | ļ | | 82 | | | _ | 1 |
| <u> </u> | 33 | ↓ | 1 | <u> </u> | <u> </u> | L | ļ | <u> </u> | _ | ┞ | | | 83 | ļ | _ | ⊢ | ╀ |
| L | 34 | 1 | 1 | ₩ | ├- | \vdash | ₽- | | \vdash | | 1 | <u> </u> | 84 | - | \vdash | \vdash | ╀ |
| | 35 | ╀- | 1 | <u> </u> | — | \vdash | ـ | 1 | - | — | 1 | <u> </u> | 85 | - | \vdash | \vdash | ╁ |
| - | 36 | + | 1 | - | — | \vdash | ├- | ┼ | +- | | 1 | <u> </u> | 86 87 | ├- | \vdash | - | + |
| - | 37 | +- | \vdash | \vdash | +- | \vdash | ⊢ | + | + | | 1 | \vdash | 88 | ├- | - | + | ╁ |
| | 38 39 | ┼- | \vdash | - | - | \vdash | ╀ | ╁ | + | - | 1 | - - | 89 | | - | \vdash | + |
| | 40 | + | 1 | - | - | \vdash | +- | \vdash | +- | 1 | ſ | <u> </u> | 90 | - | \vdash | \vdash | t |
| - | 41 | + | \vdash | \vdash | +- | ┢ | \vdash | \vdash | + | \vdash | 1 | | 91 | \vdash | \vdash | \vdash | t |
| | 42 | + | + | \vdash | +- | +- | \vdash | ╁ | + | T | 1 | | 92 | T | ✝ | T | T |
| - | 43 | + | \vdash | +- | \vdash | 一 | \vdash | T | † | T | 1 | | 93 | <u> </u> | T | | T |
| | 44 | $^{+}$ | | t^- | | \vdash | t^- | \top | 1 | T | 1 | | 94 | T | | T | T |
| | 45 | 1 | † | t | T | 1 | t | T | 1 | | 1 | | 95 | İ. | Ĺ | Τ | T |
| — | 46 | | 1 | T | 1 | T | T | | 1 | Ι | 1 | | 96 | | | L | Γ |
| | 47 | 1. | Ī | | | | | | Ľ | |] | | 97 | | | | Γ |
| | 48 | | | | | | | | | | | | 98 | | | | L |
| | 49 | | | | \Box | | | | $oxed{\Box}$ | | 1 | | 99 | \Box | | | Ĺ |
| | 50 | | \prod | | Ĺ | | | | | L. | J | | 100 | L | L | | \perp |
| | | | | | | | | | | | | | | | | | |

| Cla | im | Date | | | | | | | | \neg |
|--------------|----------|-----------|----------|--------------|--------------|----------------|----------|----------|--------------|---------------|
| | | | | | | | | | П | |
| Final | Original | | | | | | | | | |
| | 51 | | | | | | | | | |
| | 52 | - 1 | 1 | | | | - 1 | ļ | } | |
| | 53 | T | \neg | | | | | \neg | | |
| | 54 | T | \neg | 一 | ヿ | | \neg | ヿ | \neg | |
| | 55 | | 7 | _ | _ | 一 | ヿ | _ | \neg | $\overline{}$ |
| - | 56 | _ | _ | _ | | \dashv | \dashv | _ | \dashv | _ |
| - | 57 | - | \dashv | - | | \dashv | \dashv | | \dashv | _ |
| | 58 | \dashv | - | | \dashv | \dashv | - | \dashv | \dashv | _ |
| | 59 | \dashv | | | \dashv | ᆉ | \dashv | - | - | |
| | | \dashv | | - | \dashv | - | - | \dashv | \dashv | _ |
| | 60 | | - | \dashv | | \dashv | - | | | |
| _ | 61 | | - | - | - | | | | | |
| - | 62 | | | _ | - | | | _ | | |
| | 63 | | | | | - | <u></u> | \dashv | - | |
| | 64 | ∤ | _ | _ | | _ | | | _ | |
| <u> </u> | 65 | | _ | _ | | _ | \dashv | | _ | |
| <u> </u> | 66 | \dashv | _ | _ | | _ | | _ | _ | |
| <u></u> | 67 | _ | _ | | _ | _ | _ | _ | | |
| | 68 | | | | | _ | | | | |
| | 69 | | _ | | | | | | | |
| | 70 | | | | | | | | | |
| | 71 | | | | | | | | | |
| | 72 | | | | | | | | | |
| | 73 | | | | | | | | | |
| | 74 | | | | | | | | | |
| - | 75 | | | | | | | | | |
| | 76 | | | | | | | | | |
| | 77 | | | | | | | | | |
| | 78 | | | | | | | | | |
| | 79 | | | | | | | | | |
| - | 80 | | | | | _ | | | | |
| - | 81 | | | | | _ | | | _ | |
| - | 82 | _ | _ | | | | _ | _ | | |
| - | 82 83 | | | - | _ | | _ | | | _ |
| - | 84 | | | | | | | | <u> </u> | _ |
| - | 85 | \vdash | _ | \vdash | - | - | | | | |
| | 86 | \vdash | | \vdash | - | Н | \vdash | <u> </u> | \vdash | |
| - | 87 | \vdash | | H | \vdash | _ | - | _ | | |
| - | 88 | \vdash | - | \vdash | - | \vdash | \vdash | - | | |
| | 89 | | | \vdash | - | \vdash | | | \vdash | |
| | 90 | \vdash | | | <u> </u> | \vdash | H | - | \vdash | \vdash |
| | | \vdash | | | \vdash | | Н | - | | ├─ |
| | 91 92 | H | - | - | - | - | \vdash | | ├ | |
| | 93 | - | | - | | | ⊢ | - | \vdash | \vdash |
| | | | - | - | | <u> </u> | - | - | \vdash | - |
| <u> </u> | 94 | | _ | <u> </u> | <u> </u> | - | | \vdash | \vdash | - |
| | 95 | <u> </u> | <u> </u> | \vdash | | <u> </u> | \vdash | | \vdash | <u> </u> |
| <u> </u> | 96 | | | | <u> </u> | <u> </u> | <u> </u> | <u> </u> | \vdash | |
| | 97 | | L_ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | | | |
| | 98 | L | _ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | ļ | ⊢ | - |
| | 99 | L_ | <u> </u> | <u> </u> | | | | | <u> </u> | |
| | 100 | l | ĺ | 1 | | | l | l | 1 | |

| Cla | aim | Date | | | | | | | | |
|--|-------------------|--|----------|--------------|--|--|----------------|----------|--|-----------|
| | | | | | Ī | \neg | | | | \neg |
| a | Original | | | | | - 1 | | ı | | |
| Final | rig | | | | | | | | | |
| _ | 0 | | | | | | | | | |
| | 101 | | | | | | | | \neg | ╗ |
| | 102 | | | | | | | | | |
| | 103 | | | | | | | | | |
| | 104 | | | | | | | | | |
| | 105 | | | | | | | | | |
| | 106 | | | | | | | | | |
| | 107 108 | | | | | | | | | |
| | 108 | | | | | | | | | |
| | 109 | | | | | | | | | |
| | 110 | | | | | | | | | |
| | 111 | Ш | | \vdash | | | H | \vdash | | - |
| | 112 113 | | | \vdash | | | \vdash | <u> </u> | | - |
| | 113 | Ш | | | | \vdash | L | | \vdash | _ |
| | 114 | | | | - | <u> </u> | \vdash | | \vdash | \dashv |
| | 115 116 | Н | _ | | H | | \vdash | H | | \dashv |
| | 116 | | | <u> </u> | - | | - | - | H | \dashv |
| | 112 | \vdash | _ | - | | - | H | \vdash | - | \dashv |
| | 118 119 | Н | _ | | \vdash | - | \vdash | - | - | \dashv |
| - | 120 | | | - | \vdash | | \vdash | | | \exists |
| | 121 | | | | | - | \vdash | - | | \exists |
| | 120 121 122 | _ | | \vdash | | | _ | | | |
| | 123 | | | | | | | | | |
| | 123 124 125 | | | | | | | | | |
| | 125 | | | | | | | | | |
| | 126 127 | | | | | | | | _ | |
| | 127 | | | _ | | L | | | | |
| | 128 129 130 | Ļ | | _ | | <u> </u> | _ | <u> </u> | <u> </u> | |
| | 129 | | | <u> </u> | L | <u> </u> | | <u> </u> | | |
| | 130 | <u> </u> | | _ | _ | \vdash | - | - | | - |
| _ | 131 | | | \vdash | ├ | \vdash | ⊢ | - | | \vdash |
| <u> </u> | 132 133 | | - | \vdash | ├- | \vdash | ┢ | - | \vdash | \vdash |
| | 133 | ┢ | - | \vdash | - | \vdash | - | - | \vdash | H |
| | 135 | ┢ | _ | ╁─ | | - | \vdash | | | H |
| | 136 | \vdash | \vdash | | | | \vdash | | \vdash | Н |
| | 137 | | - | \vdash | \vdash | | t | \vdash | | Н |
| \vdash | 138 | t | \vdash | 1 | T | 1 | \top | | \vdash | П |
| | 139 | | | | | | | | | |
| | 140 | | | | | | L | | | |
| | 141 | | | | | | | | | |
| | 142 | | | 匚 | | | | \Box | \Box | |
| | 143 | 匚 | | L | | L | <u> </u> | | <u> </u> | Ш |
| | 144 | <u> </u> | _ | _ | Ь. | <u>L</u> | _ | <u> </u> | _ | |
| L | 145 | <u> </u> | _ | <u> </u> | <u> </u> | ┞ | <u> </u> | <u> </u> | <u> </u> | |
| | 146 | <u> </u> | _ | ـــ | — | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> |
| <u> </u> | 147 | <u> </u> | - | \vdash | | ├- | ⊢ | - | \vdash | <u> </u> |
| | 148 | | _ | ₩ | ┝ | ⊢ | ╀ | ├ | - | \vdash |
| | 149 150 | - | - | ╁ | ├- | \vdash | ╁ | - | ├- | ⊢ |
| L | 1 150 | Ц. | <u> </u> | 1 | | <u> </u> | Щ. | | Ц., | L |